

## Product datasheet for **MC218689**

### **Rft1 (NM\_177815) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Rft1 (NM_177815) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rft1
Synonyms:	D930025H04
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >MC218689 representing NM\_177815  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGCAGCCAGGAGGTGCTAGGCCAGGCGGCCGGTGGCCCTCCTCGGTCTCCTGCTGCAGTCTTGT  
 TTCGATTAATCACCTTTGTCTTGAATGCATTTATTCTTCGATTCCCTGTCAAAGGAGATTGTGGGCATAGT  
 GAATGTCAGACTAACGCTGCTTTACTCAACCACAACCTTCTGGCCAGGAGGCCTCCGAAGAGCTTGT  
 CTGAGCGGGGGTCCAGCGGGACTGGAGTCAGACCCTCAACCTCCTGTGGCTAACTGTCCCACTGGGTA  
 TATTTTGGTCTCCTGCTTGGGCTGGTCTGGTTGCAGTTGCTTGAAGTGCCTGATCCAGATGTGGTCCC  
 CTAATATGGAAGTGGTGTGCTGTTCTTTGGTCTCTCAGCAGTTGTGAACTTCTGGGAGAGCCTTTCTGG  
 GTCTTGGCACAAGCACATATGTTTGTAAAGCTCAAGTTCTTGTGAGAGCATGTCGGTCATCCTTAGGA  
 GTGTCCTGACGGCTCTTCTGCTGTGGCTGCCTCACTGGGGTCTGTACATCTTTCTTTGGCTCAGCT  
 TCTCTACAGACTGTTCTGGTGTCTGCTATGCCATCTATTTAATAACAATTACTGCGTTCGCCAGAAATCA  
 GCCAAGCAACTAACTCTTCTGTCTCCAGAGTAACACAACCTGTTGCCAGTATTTCAAGAAGCAGAGCAT  
 TTGTCAACTGGAAGGAGGAGGATTGGCTTGGAGCTTCTCAAACAGTCGTTCTTGAAGCAGATTTTGAC  
 AGAAGGCGAGCGGTACGTGATGACATTTTTGAATGTGTTAAACTTTGGCGATCAGGGTGTATATGACATA  
 GTGAATAATCTTGGCTCCCTTGTGGCCAGGCTAATTTCCAGCCAGTAGAGGAGATTTTTATTTATTCT  
 TTGCTAAAGTGTAGAGAGAGAGAAGGACGCCTCACTTCAAGAAGCAGGACGATGTTGCTGTGGCTGCTGC  
 GGTTTTGGAGTCCCTCCTCAAGCTGGCCTTGTGACTGGACTGACCATGACTGTTTTTGGCTTTGCCTAT  
 TCCCAACTGGCTTTGGACATCTATGGAGGAGCCATGCTTAGTTCGGGATCTGGCCCTGTGCTGATGCGTT  
 GCTATTGCCTCTATGCTCCTCTGCTTATCAATGGTGTGACCGAGTGTTCATGTTTTGCCGCCATGAG  
 CAAAGAGGAGGTTGACAGGTACAATTTACCATGCTGGCACTGTATCCTCGTTTTTAGTCTTATCCTAC  
 CTGCTGACCAGTTGGTGTGGCAGTGTGGCTTCTCATGCGCAACTGCTTTAACATGGGCATCCGGATCA  
 CACAGAGTCTTTCCTTCACTCACTACTTCCGAGAGAGCCCTCACAGACCCCTGGCTGGCCTGCGCCT  
 GTCACCAGTCTTCTTGGGGTGTTCATTCTCAGTGTGGGATTACTAGTGTCTCAGAGGCATTCTCTGCT  
 TGTGAGAGGGGCTGGCCAGCTAGGCTGGCACACATCGTGTGGGGACCATCTGCTTAGGAGTGACTCTTG  
 GGACAGCGTTCCTCACAGAGACCAAGCTGATCCACTTTCTCAGGACTCAGTTGGGTAGATCCAGACTCAG  
 TGACAAAATGACA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_177815

**Insert Size:** 1626 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_177815.3](#), [NP\\_808483.2](#)

**RefSeq Size:** 2384 bp

**RefSeq ORF:** 1626 bp

**Locus ID:** 328370

**UniProt ID:** [Q8C3B8](#)

**Cytogenetics:** 14 B

**Gene Summary:** May be involved in N-linked oligosaccharide assembly. May participate in the translocation of oligosaccharide from the cytoplasmic side to the luminal side of the endoplasmic reticulum membrane (By similarity).[UniProtKB/Swiss-Prot Function]